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AMENDMENTS TO THE SPECIFICATION:

Please amend the first paragraph on page 1 as follows:

Security specification creation support device and method of security specification creation
~~support~~ support.

Please amend the fourth paragraph on page 1 as follows:

The International Security Evaluation Standard ISO/IEC15408 (CC: common criteria) is a basis for the design and evaluation of the security function of IT (Information Technology) products. In order to carry out development of products based on this ISO15408 and to obtain evaluation/certification thereof, it is necessary to create a security requirements specification (PP: protection profile) or security design specification (ST: Security Target) specific to ISO15408. Hereinbelow, the security requirements specification and security design specification will be referred to as security specifications. In the creation of such security specifications, there is the problem that not only specialized knowledge of security in general and ISO15408 is required but also a detailed knowledge relating to the threats that are specific to the target product, examples of counter-measures, know-how relating to security, as to what type of counter-measures are effective against what type of threats, and specialized techniques relating to analysis tasks, such as risk analysis. Also, in putting into practice the analysis task such as risk assessment, there is the problem that for example an exhaustive analysis of threats and counter-measures ~~etc~~ etc. and selection of security requirements appropriate to the counter-measures is necessary and an enormous amount of time is consequently required.

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Please amend the second paragraph on page 2 as follows:

In the security design support tools described in CC ToolBox ^(TM) and "Security Design Evaluation Support Tools (V3.0) User Manual", Information-technology Promotion Agency Information-technology Security Center, May 2002, p. 2-69, a database is prepared in which there are recorded beforehand examples of various types of definition information such as threats or security objectives described in security specifications. Definition ~~and definition~~ information directly selected by the user from this database or definition information extracted from the database by user response to questions presented to the user is automatically entered at prescribed locations in the security specification. In this way, the burden of the user himself/herself arriving at definition information is reduced and automatic creation of security specifications in accordance with a prescribed form can be achieved.

Please amend the third full paragraph on page 3 as follows:

For example, a security specification creation support device according to the present invention has a security specification example database in which existing security specifications are registered as examples. A; ~~a~~ definition information acceptance unit ~~that~~ accepts the definition information of respective components constituting the information network system from the user. A; ~~a~~ security specification selection unit ~~that~~ looks up reusable examples from the security specification example database using definition information of the component in question accepted by the definition information acceptance unit in respect of the respective components. A; ~~and a~~ security specification draft creation unit ~~that~~ creates a composite security specification draft in respect of an information network system by entering the details of respective examples found by

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the security specification selection unit in a prescribed form of security specification and accepts revisions of the draft in question from the user.

Please amend the first full paragraph on page 4 as follows:

The security specification selection unit, if at least one reusable example is detected from the security specification example database in respect of the respective components, causes a user to select an example for re-use from the detected examples and uses this selected example as a security specification draft for the component in question and accepts from the user revisions of this draft. However,~~but~~, if no reusable example is detected from the security specification example database, the security specification selection unit creates a security specification draft of the respective components by accepting from the user a security specification draft of the components. Also, the security specification draft creation unit may create the composite security specification draft by entering the details of the security specification draft of the respective components in the form of security specification.

Please amend the fourth and fifth paragraphs on page 5 as follows:

In Figure 3, section (A) exemplifies a layout 31 of a security specification (PP/ST) in accordance with the International Security Evaluation Standard ISO15408 and an example statement 33 of various types of definition information. In Figure 3, section (B) shows an example 35 of a composite security specification.

Please amend the twelfth paragraph on page 5 as follows:

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Figure 10(A) to Figure 10(D) show examples (A) to (D) of menu bars of a working screen displayed on a display device 56 by a system configuration definition PG 5421.

Please amend the fourth full paragraph on page 9 as follows:

In Figure 3, section (A) shows an example layout 31 of a security specification (PP/ST) in accordance with the International Security Evaluation Standard ISO15408 and an example statement 33 of the each type of definition information. As shown in the drawing, security specification in accordance with ISO15408 is provided with a plurality of prescribed items including a specification title 311, product name 312, TOE (Target of Evaluation) description 313, assumptions 331, organizational security policies 332, evaluation assurance level 333 and so on. A security specification in accordance with ISO15408 specifies the layout of the table of contents and the descriptive details to be given in each item of the table of contents. Consequently, if it is possible to specify in which item of the table of contents the target information is to be found, the target information can be referred to as appropriate or extracted from the security specification.

Please amend the first and second full paragraphs on page 10 as follows:

In Figure 3, section (B) shows an example 35 of a composite security specification. As shown in the Figure, the composite security specification is based on the International Security Evaluation Standard ISO15408. As described above, a system security specification draft 13 that supports creation by the security specification creation support device 11 of the present embodiment is constituted having a security specification draft 19 of each component that constitutes the system 16 to be designed and a composite security specification draft 18 of the system to be designed. A composite security specification draft 18 is automatically generated such that the security

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specification draft 19 of the components that are described corresponding to the security environment description of the system to be designed and/or the security objectives for the system to be designed, the security requirements and the descriptive details of the security specification draft 19 of the components that are to realize the security function are referred to (reflected) therein. In this way, the entire system is described without omission. In an example 35 of a composite security specification, a composite security specification is created such that it is possible to identify the portions (portions with underlining 351) where descriptive details of the security specification of each component are referred to.

Figure 4 is a layout diagram of security specification creation support device 11 according to this embodiment. As shown in ~~Figure~~ Figure 4, the security specification creation support device 11 of this embodiment is implemented by a CPU 51 executing a communication control PG (program) 541 and a security specification compilation and support PG 542 loaded in memory 55 in an ordinary computer system having a CPU 51, memory 52, an external storage device 54 such as an HDD, a terminal input/output device 52 that presents information to a user and that accepts information from a user through a display device 56 such as an LCD or CRT and input devices 57 such as a keyboard and mouse, a network IF (interface) device 58 for performing communication through a network, a portable storage input/output device 59 that controls reading/writing of portable media such as a CD-ROM, DVD-ROM, MO or floppy disk, and a bus 53 that mutually connects these devices.

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Please amend the first and second full paragraphs on page 18 as follows:

Figure 10 is a view showing ~~an example~~ exemplary states of a menu bar of a working screen displayed on the display device 56 by the system configuration definition PG 5421. First of all, the operating procedure and screen layout in S711 of Figure 8 (acceptance of definition information of the system to be designed) will be described using Figure 10.

As shown in Figure 10, section (A), the system configuration definition PG 5421 displays as the initial screen a specification editing screen 91. By operating the cursor (not shown) through an input device 57, the user selects the item "TOE definition support" 9111 from the menu bar item "Tools" 911; the TOE definition screen 92 that displays the system deployment tree (layer structure of the system to be designed) specified by the definition information of the system to be designed stored in the definition information storage region 554 of the system to be designed is then displayed on the display device 56 through the terminal input/output device 52. To close this TOE definition screen 92, as shown in Figure 10, section (B), the user may select the item "Close" 9211 from the menu bar item "File" 921.

Please amend the first and second full paragraphs on page 19 as follows:

In Figure 11, the nodes 9241 to 9243 with rectangular marks constitute domains. In the case of the duty rota management system shown in Figure 2, these can be divided into three domains, namely, the "Head Office site zone" domain 9241, "branch site zone" domain 9242 and "inter site network" domain 9243. As shown in Figure 10, section (C), to add a domain, the item " Add Element" 9222 is selected from the item "Edit" 922 of the menu bar on the TOE definition screen 92 by operating the cursor (not shown) through the input device 57, and further selecting the item

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"Domain" 9223. In this way, the system configuration definition PG 5421 displays addition of a new node with a rectangular mark, connected to the "TOE" node 9240 (S7111 of Figure 9).

Also, in Figure 11, the nodes 9244, 9245 with triangular marks are subsystems. In the case of the duty rota management system shown in Figure 2, for example the "typical user terminal" subsystem 9244 and "duty rota management server" subsystem 9245 belong to the "Head Office site zone" domain 9241. As shown in Figure 10, section (C) addition of a subsystem is performed by operating the cursor (not shown) through the input device 57 so as to select the item "Add Element" 9222 in the TOE definition screen 92 from the item "Edit" 922 of the menu bar and, furthermore, to select the item "Subsystem" 9224 and designate a node of the desired domain. In this way, the system configuration definition PG 5421 displays addition of a new node with a triangular mark connected to the node of the desired domain (S7113 of Figure 9).

Please amend the paragraph bridging pages 19 and 20 as follows:

Also, in Figure 11, the nodes 9246 to 9256 with the circle marks are components. In the case of the duty rota management system shown in Figure 2, for example the component "application layer" 9246, the component "browser for duty rota input" 9249, the component "mailer for receiving notifications" 9250, the component "OS layer" 9247, "terminal OS" 9251, the component "hardware layer" 9248, the component "AT compatible hardware" 9252 and "network card" 9253 belong to the "typical user terminal" subsystem 9244. It should be noted that, as shown in Figure 10, section (C), addition of a component is performed by operating the cursor (not shown) through the input device 57 so as to select the item "Add Element" 9222 in the TOE definition screen 92 from the item "Edit" 922 of the menu bar and, furthermore, to select the item

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"Component" 9225 and designate the node of a desired subsystem or component. In this way, the system configuration definition PG 5421 displays addition of a new node with a circle mark connected to the node of the desired subsystem or component (S7115 of Figure 9).

Please amend the paragraph bridging pages 20 and 21 as follows:

Also, as shown in Figure 10, section (C), when the user selects the item "Set Definition Information" 9221 from the menu bar item "Edit" 922 in the TOE definition screen 92 by designating the node of the domain displayed in the display frame 924 by operating the cursor (not shown), the system configuration definition PG 5421 displays on the display device 56 through the terminal input/output device 52 the definition information of the domain in question that is stored in the definition information storage region 554 of the system to be designed and also displays the domain definition screen 93 for acceptance of revisions of the definition information of the domain in question.

Please amend the second paragraph on page 22 as follows:

Also, as shown in Figure 10, section (C), when the user designates a subsystem node displayed in the display frame 924 by operating the cursor (not shown) and selects the item "Set Definition Information" 9221 from the item "Edit" 922 of the menu bar in the TOE definition screen 92, the system configuration definition PG 5421 displays on the display device 56 through the terminal input device 52 the definition information of the subsystem in question that is stored in the definition information storage region 554 of the system to be designed and displays the subsystem definition screen 94 for acceptance of revisions of the definition information of the subsystem in question.

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Please amend the first full paragraph on page 24 as follows:

Also, as shown in Figure 10, section (C), if, in the TOE definition screen 92, the item "Set Definition Information" 9221 is selected from the item "Edit" 922 of the menu bar after specifying the node of the component displayed in the display frame 924 by the user operating the cursor (not shown) , the system configuration definition PG 5421 displays definition information of the component in question stored in the definition information storage region 554 of the system to be designed and displays the component definition screen 95 for acceptance of revisions of the definition information of the component in question on the display device 56 through the terminal input/output device 52.

Please amend the third paragraph on page 27 as follows:

As shown in Figure 10, section (D), when the user selects the item "component specification draft creation" 9231 from the item "Tools" 923 of the menu bar in the TOE definition screen 92 by operating the cursor (not shown), the security specification selection PG 5422 executes S712 to S716 of Figure 8, with the respective components identified by the definition information of the system to be designed designated as noted components.

Please amend the first paragraph on page 29 as follows:

As shown in Figure 10, section (D), when the item "composite specification draft creation" 9232 is selected from the item "Tools" 923 of the menu bar in the TOE definition screen 92 by the user operating the cursor (not shown) , the security specification draft creation PG 5423 reflects the details of the security specification draft of the components stored in the security specification draft

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storage region 555 in the form of security specification that has been prepared beforehand and thereby automatically creates a composite security specification draft in respect of the system to be designed (S717 of Figure 8).